## Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

Claim 1 (Currently Amended): A process for preparing alkynecarboxylic acids, comprising

oxidizing an alkyne alcohol with a hypohalite in the presence of a nitroxyl compound at a pH of greater than 7 within a reaction mixture; and

continuously adding the alkyne alcohol and the hypohalite to the reaction mixture, wherein said nitroxyl compound has the formula:

where radicals  $R^8$ ,  $R^9$ ,  $R^{10}$  and  $R^{11}$  are each independently  $C_1-C_{12}$ -alkyl or  $C_2-C_{12}$ -alkenyl or  $C_6-C_{12}$ -aryl or aralkyl,

and radicals  $R^{12}$  and  $R^{13}$  are each independently hydrogen, OH,

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CN, halogen, linear or branched, saturated or unsaturated C1-C20alkyl,  $C_6-C_{20}$ -aryl,  $C_6-C_{20}$ -hetaryl or  $C_6-C_{20}$ -aralkyl,  $OR^{14}$ ,  $O-COR^{14}$ , O-COOR14, OCONHR14, COOH, COR14, COOR14, CONHR14,

where R14 is a linear or branched, saturated or unsaturated  $C_1-C_{20}$ -alkyl radical, or a  $C_6-C_{20}$ -aryl,  $C_3-C_{20}$ -hetaryl or  $C_6-C_{20}$ aralkyl radical,  $-(O-CH_2-CH_2)_{n}-OR^{15}$ ,  $-(O-C_3H_6)_{n}-OR^{15}$ ,  $-(O-(CH_2)_6)_{n}-OR^{15}$ . -O-CH<sub>2</sub>-CHOH-CH<sub>2</sub>-(O-CH<sub>2</sub>-CH<sub>2</sub>-)<sub>2</sub>-OR<sup>15</sup>,

where  $R^{15}$  is hydrogen,  $C_1-C_{20}$ -alkyl,  $C_6-C_{20}$ -aralkyl, where n=11 to 100, or CH2-CHOH-CH3 or CH2-CHOH-CH2-CH3, NR16R17, NHCOR16, NHCOOR16, NHCONHR16,

where R16 and R17 are each independently a linear or branched, saturated or unsaturated C1-C20-alkyl radical, a C6-C12cycloalkyl radical, or a  $C_6-C_{20}$ -aryl,  $C_3-C_{20}$ -hetaryl or  $C_6-C_{20}$ aralkyl radical,

where radicals R12 and R13 may also be linked to a ring,

and where the radicals R12 and R13 in turn may also be substituted by COOH, OH, SO3H, CN, halogen, primary, secondary or tertiary amino or quaternary ammonium,

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or the radicals R12 and R13 together may also be =0, -NR18,  $=N-OR^{16}$ ,  $=N-N=CR^{18}R^{19}$  where  $R^{18}$  and  $R^{19}$  are each independently hydrogen,  $C_1-C_{20}$ -alkyl or  $C_6-C_{20}$ -aralkyl.

Claim 2 (Original): The process as claimed in claim 1, wherein the reaction is carried out in a multiphasic system.

Claim 3 (Original): The process as claimed in claim 2, wherein at least one phase transfer catalyst is used.

Claim 4 (Original): The process as claimed in claim 1, comprising removing the reaction mixture continuously.

Claim 5 (Original): The process as claimed in claim 1, wherein the pH of aqueous phase of the reaction mixture is between 7 and 11.

Claim 6 (Original): The process as claimed in claim 1, wherein the nitroxyl compound used is 4-hydroxy-TEMPO.

Claim 7 (Original): The process as claimed in claim 1, wherein reaction temperature is between -5°C and 20°C.

Claim 8 (Original): The process as claimed in claim 1, wherein from 2 to 3 mol equivalents of the hypohalite are used based on the number of functional groups to be oxidized.

Claim 9 (Original): The process as claimed in claim 1, wherein the alkyne alcohol used is selected from the group consisting of 2-propyn-1-ol and 2-butyne-1,4-diol.

Claim 10 (Original): The process as claimed in claim 1, wherein the reaction is carried out in the presence of a substance selected from the group consisting of phosphate buffer and calcium carbonate.

Claim 11 (Currently Amended): A process for preparing alkynecarboxylic acids, comprising

initially charging less than all of an alkyne alcohol to be oxidized in a reaction mixture;

oxidizing the alkyne alcohol with a hypohalite in the presence of a nitroxyl compound at a pH of greater than 7 within the reaction mixture; and

continuously adding remainder of the alkyne alcohol and the hypohalite to the reaction mixture, wherein said nitroxyl compound has the formula:

where radicals  $R^8$ ,  $R^9$ ,  $R^{10}$  and  $R^{11}$  are each independently  $C_1-C_{12}$ 

and radicals  $R^{12}$  and  $R^{13}$  are each independently hydrogen, OH, CN, halogen, linear or branched, saturated or unsaturated  $C_1$ - $C_{20}$ -alkyl,  $C_6$ - $C_{20}$ -arvl,  $C_6$ - $C_{20}$ -hetaryl or  $C_6$ - $C_{20}$ -aralkyl,  $OR^{14}$ ,  $O-COR^{14}$ , O-CO

where  $R^{15}$  is hydrogen,  $C_1-C_{20}$ -alkyl,  $C_6-C_{20}$ -aralkyl, where n=1 to 100, or  $CH_2$ -CHOH- $CH_3$  or  $CH_2$ -CHOH- $CH_3$ -CHOH- $CH_3$ -CHOH- $CH_3$ -CHOH- $CH_3$ - $CH_3$ - $CH_3$ -CHOH- $CH_3$ - $CH_3$ -CH

where R16 and R17 are each independently a linear or branched, saturated or unsaturated C1-C20-alkyl radical, a C6-C12cycloalkyl radical, or a C6-C20-aryl, C3-C20-hetaryl or C6-C20aralkyl radical.

where radicals R12 and R13 may also be linked to a ring,

and where the radicals R12 and R13 in turn may also be substituted by COOH, OH, SO3H, CN, halogen, primary, secondary or tertiary amino or quaternary ammonium,

or the radicals  $R^{12}$  and  $R^{13}$  together may also be =0, = $NR^{18}$ ,  $=N-OR^{18}$ ,  $=N-N=CR^{18}R^{19}$  where  $R^{18}$  and  $R^{19}$  are each independently hydrogen, C1-C20-alkyl or C6-C20-aralkyl.

Claim 12 (Original): The process as claimed in claim 11, wherein the reaction is carried out in a multiphasic system.

Claim 13 (Original): The process as claimed in claim 12, wherein at least one phase transfer catalyst is used.

Claim 14 (Original): The process as claimed in claim 11, comprising removing the reaction mixture continuously.

Claim 15 (Original): The process as claimed in claim 11, wherein the pH of aqueous phase of the reaction mixture is between 7 and 11.

Claim 16 (Original): The process as claimed in claim 11, wherein the nitroxyl compound used is 4-hydroxy-TEMPO.

Claim 17 (Original): The process as claimed in claim 11, wherein reaction temperature is between -5°C and 20°C.

Claim 18 (Original): The process as claimed in claim 11, wherein from 2 to 3 mol equivalents of the hypohalite are used based on the number of functional groups to be oxidized.

Claim 19 (Original): The process as claimed in claim 11, wherein the alkyne alcohol used is selected from the group consisting of 2-propyn-1-ol and 2-butyne-1,4-diol.

Claim 20 (Original): The process as claimed in claim 11, wherein the reaction is carried out in the presence of a substance selected from the group consisting of phosphate buffer and calcium carbonate.